

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **DENSITY DETECTION USING REAL TIME DISCRETE PHOTON COUNTING FOR FAST MOVING TARGETS**, the specification of which

is attached hereto.

was filed on _____ as

Application Serial No. _____

and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

Acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

Thereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)	Priority Claimed
(Number)	(Country) (Day/Month/Year Filed) Yes _____ No _____
(Number)	(Country) (Day/Month/Year Filed) Yes _____ No _____

I hereby claim the benefit under Title 35, United States Code, §120 of any United States utility application(s) listed below and/or under Title 35, United States Code, §119 of any United States provisional application(s) listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States utility application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

09/398,547 (Application Serial No.)	9/17/99 (Filing Date)	Pending (Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

English Language Declaration

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

George T. Marcou, Registration No. 33,014; Richard Peterson, Registration No. 35,320; Charles W. Calkins, Registration No. 31,814; John M. Harrington, Registration No. 25,592; A. Jose Cortina, Registration No. 29,733; Charles T. Simmons, Registration No. 35,359; Yoncha L. Kundupoglu, Registration No. 41,130; John Ball, Registration No. 44,433; Dawn-Marie Bey, Registration No. 44,442; Tiep Nguyen, Registration No. 44,465; Greg S. Moldafsky, Registration No. 46,514; and Michael J. Dimino, Registration No. 44,657.

Send Correspondence to:

Direct telephone calls to:

George T. Marcou
Kilpatrick Stockton LLP
Suite 900
607 14th Street, NW
Washington, D.C. 20005

George T. Marcou
(202) 508-5800

Full name of first inventor: Victor V. Verbinski

First Inventor's Signature

Date

7/26/01

Residence Address: 8871 Cliffridge Avenue, La Jolla, CA 92121

Citizenship: USA

Post Office Address: 8871 Cliffridge Avenue, La Jolla, CA 92121

Full name of second inventor: Scott T. Smith

Second Inventor's Signature

Date

7/26/01

Residence Address: 13909 Barrymore St., San Diego, CA 92129

Citizenship: USA

Post Office Address: 13909 Barrymore St., San Diego, CA 92129

Full name of third inventor:	Kenneth H. Valentine (deceased)
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Third Inventor's Signature: Judith Maxwell, Administrator
for the Estate of the late Kenneth H. Valentine:

Residence Address:	4080 Arroyo Sorrento, San Diego, CA 92130
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Citizenship:	USA
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Post Office Address:	4080 Arroyo Sorrento, San Diego, CA 92130
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Full name of fourth inventor:	Jeffrey M. Adams
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Fourth Inventor's Signature	
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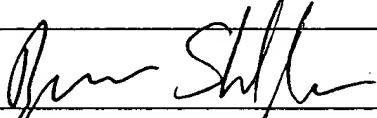
Date	7/27/01
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Residence Address:	1280 Rock Springs Road, San Marcos, CA 92069
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Citizenship:	USA
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Post Office Address:	1280 Rock Springs Road, San Marcos, CA 92069
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Full name of fifth inventor:	Ryan Shyffer
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Fifth Inventor's Signature	
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Date	7/27/01
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Residence Address:	8624 Lepus Road, San Diego, CA 92126
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Citizenship:	USA
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Post Office Address:	8624 Lepus Road, San Diego, CA 92126
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(Number) _____ _____ (Country) _____ _____ (Day/Month/Year Filed) _____	Yes _____ No _____
(Number) _____ _____ (Country) _____ _____ (Day/Month/Year Filed) _____	Yes _____ No _____

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09/398,547
(Application Serial No.) 9/17/99
(Filing Date) Pending
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George T. Marcou
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Suite 900
607 14th Street, NW
Washington, D.C. 20005

George T. Marcou
(202) 508-5800

Full name of first inventor: Victor V. Verbinski

First Inventor's Signature

Date

Residence Address: 8871 Cliffridge Avenue, La Jolla, CA 92121

Citizenship: USA

Post Office Address: 8871 Cliffridge Avenue, La Jolla, CA 92121

Full name of second inventor: Scott J. Smith

Second Inventor's Signature

Date

Residence Address: 5345 Northridge Avenue, San Diego, CA 92117

Citizenship: USA

Post Office Address: 5345 Northridge Avenue, San Diego, CA 92117

Full name of third inventor:	Kenneth H. Valentine (deceased)
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 Third Inventor's Signature: Judith Maxwell, Administrator | for the Estate of the late Kenneth H. Valentine: |

*Judith Maxwell,
Administrator*
8-3-01

Residence Address:	P. O. Box 151, Glen Ellen, CA 95442
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Citizenship:	USA
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Post Office Address:	P. O. Box 151, Glen Ellen, CA 95442
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Full name of fourth inventor:	Jeffrey M. Adams
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Fourth Inventor's Signature	Date
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Residence Address:	1280 Rock Springs Road, San Marcos, CA 92069
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Citizenship:	USA
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Post Office Address:	1280 Rock Springs Road, San Marcos, CA 92069
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Full name of fifth inventor:	Ryan Shyffer
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Fifth Inventor's Signature	Date
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Residence Address:	8624 Lepus Road, San Diego, CA 92126
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Citizenship:	USA
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Post Office Address:	8624 Lepus Road, San Diego, CA 92126
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